

REMARKS

Claims 1-69 were filed in the application. Claims 1, 2, 35, 36, and 66 are canceled. Claims 3-6, 9, 18, 25, 32-34, 37-40, 43, 52, 59, and 67-69 are amended. Claims 3, 37, and 67 are the independent claims. Please enter the Preliminary Amendment prior to calculating the filing fee.

The parent application is under appeal. In that application, claims 1, 2, 35, 36, and 66 remain rejected and under appeal, and claims 3-34, 37-65, and 67-69 are objected to. Therefore, claims 3, 37, and 67 are presented in independent form, and dependent claims are amended accordingly as necessary, for proper dependence. Please note that, because claims 3, 37, and 67 originally included, through dependence, all the limitations added explicitly by this Amendment, the claims have not been substantively amended.

Consideration of the amended application is respectfully requested.

Respectfully submitted,

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Date



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Version With Markings To Show Changes Made

1. (Canceled)

2. (Canceled)

3. (Amended) [The] A cryptographic key split combiner, comprising: [of claim 2,]

a plurality of key split generators for generating cryptographic key splits; and
a key split randomizer for randomizing the cryptographic key splits to produce a
cryptographic key;

wherein each of said key split generators includes means for generating key splits
from seed data;

wherein said plurality of key split generators includes a random split generator for
generating a random key split based on reference data; and

wherein said random split generator includes means for generating a random
sequence based on the reference data.

4. (Amended) The cryptographic key split combiner of claim [2] 3, wherein said
random split generator includes means for generating a pseudorandom sequence based on
the reference data.

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5. (Amended) The cryptographic key split combiner of claim [2] 3, wherein said random split generator includes means for generating a key split based on the reference data and on chronological data.

6. (Amended) The cryptographic key split combiner of claim [2] 3, wherein said random split generator includes means for generating a key split based on the reference data and on static data.

9. (Amended) The cryptographic key split combiner of claim [1] 3, wherein said plurality of key split generators includes a token split generator for generating a token key split based on label data.

18. (Amended) The cryptographic key split combiner of claim [1] 3, wherein said plurality of key split generators includes a console split generator for generating a console key split based on maintenance data.

25. (Amended) The cryptographic key split combiner of claim [1] 3, wherein said plurality of key split generators includes a biometric split generator for generating a biometric key split based on biometric data.

32. (Amended) The cryptographic key split combiner of claim [1] 3, wherein the cryptographic key is a stream of symbols.

33. (Amended) The cryptographic key split combiner of claim [1] 3, wherein the cryptographic key is at least one symbol block.

34. (Amended) The cryptographic key split combiner of claim [1] 3, wherein the cryptographic key is a key matrix.

35. (Canceled)

36. (Canceled)

37. (Amended) [The] A process [of claim 36,] for forming cryptographic keys, comprising:

generating a plurality of cryptographic key splits from seed data; and

randomizing the cryptographic key splits to produce a cryptographic key;

wherein generating a plurality of cryptographic key splits includes generating a random key split based on reference data; and

wherein generating a random key split includes generating a random sequence based on the reference data.

38. (Amended) The process of claim [36] 37, wherein generating a random key split includes generating a pseudorandom sequence based on the reference data.

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39. (Amended) The process of claim [36] 37, wherein generating a random key split includes generating a key split based on the reference data and on chronological data.

40. (Amended) The process of claim [36] 37, wherein generating a random key split includes generating a key split based on the reference data and on static data.

43. (Amended) The process of claim [35] 37, wherein generating a plurality of cryptographic key splits includes generating a token key split based on label data.

52. (Amended) The process of claim [35] 37, wherein generating a plurality of cryptographic key splits includes generating a console key split based on maintenance data.

59. (Amended) The process of claim [35] 37, wherein generating a plurality of cryptographic key splits includes generating a biometric key split based on biometric data.

66. (Canceled)

67. (Amended) [The] A cryptographic key [of claim 66], including a stream of symbols, formed by the process of:

generating a plurality of cryptographic key splits from seed data; and
randomizing the cryptographic key splits to produce a cryptographic key.

68. (Amended) The cryptographic key of claim [66] 67, including at least one symbol block.

69. (Amended) The cryptographic key of claim [66] 67, including a key matrix.

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